

ABSTRACT

Separations or images relating to film or other fields may be registered using a
 variety of features, such as, for example: (1) correcting one or more film distortions; (2)
 automatically determining a transformation to reduce a film distortion; (3) applying
 5 multiple criteria of merit to a set of features to determine a set of features to use in
 determining a transformation; (4) determining transformations for areas in an image or a
 separation in a radial order; (5) comparing areas in images or separations by weighting
 feature pixels differently than non-feature pixels; (6) determining distortion values for
 transformations by applying a partial distortion measure and/or using a spiral search
 10 configuration; (7) determining transformations by using different sets of features to
 determine corresponding transformation parameters in an iterative manner; and (8)
 applying a feathering technique to neighboring areas within an image or separation.